Exam   :   **D-PSC-DY-23**

Title   :   Dell PowerScale Deploy 2023

https://www.passcert.com/D-PSC-DY-23.html

1.A company's Isilon cluster has reached the capacity limit. The cluster consists of eight H500 nodes in a single node pool.
Which action can be taken to resolve the capacity issue while new nodes are being delivered?
A. Activate SmartPools
B. Enable GNA
C. Enable Spillover
D. Release VHS drives
Answer: A

2.You are looking through the EMC Isilon Configuration Guide for client specific site data.
Which tab of the document contains this information?
A. Core
B. Topology
C. Design Intent
D. Customer Information
Answer: D

3.What is a characteristic of access tokens on a Dell EMC Isilon cluster?
A. Cannot contain both an SID and a UID
B. One token is generated for every Access zone
C. Generated when the client accesses the cluster
D. Requires the use of external authentication providers
Answer: C

4.A Dell PowerScale administrator has four H600 nodes and eight A2000 nodes in the cluster. The file pool policy is configured to have all new data written to the H600 nodes. After a few weeks, the administrator has some concerns about the available capacity on the H600 nodes.
Which feature should be configured to accept writes, even after the H600 nodes become full?
A. VHS
B. Spillover
C. SmartPools
D. GNA
Answer: B

5.In a Dell EMC Isilon cluster, what determines the authentication services that will be queried and the shares the client is able to view?
A. SmartConnect
B. Access zone
C. Access Control List
D. Mode bit
Answer: B

6.You are looking through the EMC Isilon Configuration Guide for file sizes and workflows.
Which tab of the document contains this information?

A. Design Intent

B. Customer Information

C. Topology

D. Core

Answer: A

7.How many nodes should be set up to coordinate NTP for an Isilon cluster?

A. All nodes

B. Two only

C. Every node connected to the network

D. One only

Answer: D

8.A systems administrator has an Isilon cluster with three X410 nodes in their environment. The default protection setting is 2d:1n at the node pool level. Billions of very small image files, less than 50 KB size, are stored on the cluster.

Recently, the administrator has seen an issue where the cluster's used capacity is getting full. However, the cumulative size of the files copied appears to be less.

What is a possible reason for the storage usage level?

A. Small files are stored with 4x mirror protection and consuming more capacity

B. Small files are stored with 2x mirror protection and consuming more capacity

C. Metadata of billions of files is consuming most of the capacity

D. Small files are spread across all nodes and consuming more capacity

Answer: B

9.A customer has SAP, Oracle, and file system information in a VMAX3. The customer is looking for a backup solution to receive the least amount of RTO and RPO as possible.

Which solutions should be recommended?

A. NetWorker, DD9500, SnapVX, FAST.X, and RecoverPoint for XtremIO

B. Protect Point, DD990, Snap VX, FAST.X, and Recover Point for XtremIO

C. Protect Point, DD9500, Snap VX, FAST.X, and Recover Point for XtremIO

D. NetWorker, Protect Point, DD9500, Snap VX, FAST.X, and Recover Point for XtremIO

Answer: A

10.A Dell EMC Isilon cluster with Gen 6 nodes has reached 90% capacity.

To increase the cluster's capacity, what is the minimum number of Gen 6 nodes that can be added?

A. 1 node

B. 2 nodes

C. 3 nodes

D. 4 nodes

Answer: B

11.What information does the isi statistics command display?

A. Protocol status, general performance, hardware condition, and critical alerts

B. General status, node management, Job Engine status, and drive statistics

C. Drive statistics, protocol status, node statistics, and hardware statistics

D. Drive status, hardware condition, critical alert, and protocol status

Answer: C

12.You are using a RHEL server and mounting an export from an EMC Isilon cluster using NFSv3.

Where would the session or state information for the connection be maintained?

A. Client only

B. On all nodes in the cluster

C. Client-connected node only

D. Client and client-connected node

Answer: A

13.You are onsite to deploy an EMC Isilon cluster that is already racked and cabled.

What must be done to initially configure this cluster?

A. Establish a network connection to the management port on a backend switch

B. Run the cluster configuration wizard from a computer on the same network as the cluster

C. Connect a monitor, mouse, and keyboard to the utility node of the cluster

D. Establish a serial connection to the node designated as node 1

Answer: D

14.A company plans to build two Dell PowerScale clusters in an active-active disaster recovery environment. The initial requirement is to have one access zone for their finance department.

Which recommended directory structure meets the requirement?

A. Cluster_A:

/ifs/finance

/ifs/finance

Cluster_B:

/ifs/finance

/ifs/finance

B. Cluster_A:

/ifs/cluster_a/finance

/ifs/cluster_b/finance

Cluster_B:

/ifs/cluster_a/finance

/ifs/cluster_b/finance

C. Cluster_A:

/ifs/cluster_a

/ifs/cluster_b

Cluster_B:

/ifs/cluster_a

/ifs/cluster_b

D. Cluster_A:

/ifs/finance/cluster_a

/ifs/finance/cluster_b
Cluster_B:
/ifs/finance/cluster_a
/ifs/finance/cluster_b
Answer: B

15.In an Isilon environment, which type of storage node is best suited for high throughput and high concurrency using SATA drives?
A. NL-Series
B. S-Series
C. X-Series
D. A100-Series
Answer: C

16.What is a requirement when adding Gen 6 nodes to an existing Dell PowerScale Gen 5 cluster?
A. 40 Gb InfiniBand ports
B. Decreased journal size for storage performance
C. Dedicated bootflash drives
D. NVRAM dependency
Answer: A

17.Which command is used to enable Source-Based Routing in OneFS 8.2.0?
A. isi network groupnets modify --sbr=true
B. isi network subnets modify --sbr=true
C. isi network pools modify --sbr=true
D. isi network external modify --sbr=true
Answer: D

18.What does the isi_upgrade_helper command provide?
A. Recommended sets of nodes capable of simultaneous node firmware upgrades
B. Recommended sets of nodes capable of simultaneous drive firmware upgrades
C. Recommended sets of nodes capable of simultaneous rollup patch upgrades
D. Recommended sets of nodes capable of simultaneous standard patch upgrades
Answer: A

19.In an Isilon environment, what are the on-disk identity types that appear in the web administration interface?
A. SMB, NFS, and Mixed
B. AD, LDAP, and NIS
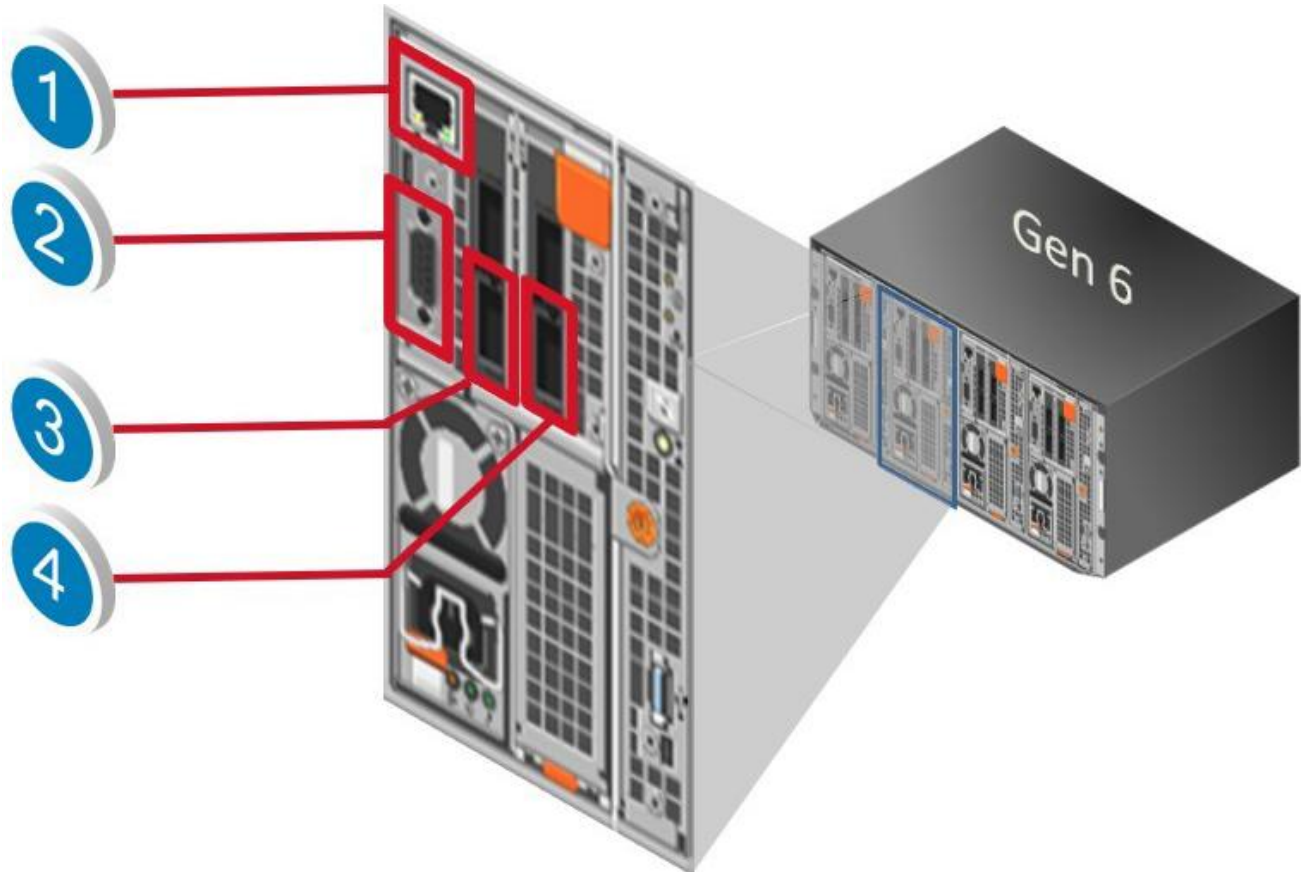C. GUID, SID, and Mixed
D. SID, UNIX, and Native
Answer: D

20.What does it mean if an EMC Isilon cluster is in a NANON state?

A. One or more nodes are missing Ethernet connections

B. One or more nodes are missing InfiniBand connections

C. One or more nodes have critical events

D. One or more nodes have been improperly shut down

Answer: A

21.Based on the graphic, what is the correct port to attach to the internal network?

A. 1

B. 2

C. 3

D. 4

Answer: C

22.A Dell EMC Isilon customer needs to replicate all data synchronously to a disaster recovery site.

What is a key consideration regarding the SyncIQ functionality?

A. SyncIQ synchronous option must be configured

B. SyncIQ is only an asynchronous replication tool

C. SyncIQ source must be modified to replicate

D. SnapshotIQ must be purchased and the synchronous option configured

Answer: B

23.What is responsible for handling the SMB protocol and managing the session, protocol negotiations, and operations in One FS?

A. lsassd

B. lwsm

C. lwiod

D. srvsvc

Answer: C

24.What are the steps to configure SmartLock on an EMC Isilon cluster in Compliance mode?

A. Boot cluster as a standard Isilon cluster

Install Smart Lock license

Create and configure Smart Lock directory

Add files Commit files to WORM

B. Boot cluster as a standard Isilon cluster

Install Smart Lock license

Set compliance clock

Create and configure Smart Lock directory

Add files Commit files to WORM

C. Boot cluster in Compliance mode

Install Smart Lock license

Create and configure Smart Lock directory

Add files Commit files to WORM

D. Boot cluster in Compliance mode

Install Smart Lock license

Set compliance clock

Create and configure Smart Lock directory

Add files Commit files to WORM

Answer: D

25.In Dell EMC Isilon, what is the purpose of a maintenance release?

A. Address known issues and minor enhancements to the OS

B. Address known issues and minor enhancements to the firmware

C. Update internal and external NICs to address known issues

D. Update all internal components for known issues

Answer: A

26.An Implementation Engineer has just joined an EMC Isilon cluster to an Active Directory (AD) domain. The System zone of the cluster is set to default values.

Which AD object is automatically added to the cluster's users group?

A. Anonymous

B. Authenticated users

C. Guest

D. Everyone

Answer: B

27.Which type of issues are resolved by enabling Source-Based Routing on an Isilon cluster?

A. Asymmetric routing.

B. IP address space depletion.

C. TCP retransmission.

D. SmartConnect load balance.

Answer: A

28.A customer has purchased a license to allow multiple file pool policies to be applied to their multi-tier cluster.

Which job, when run, enforces file pool policies, and applies any file pool policy changes to the data?

A. SyncIQ

B. Auto Balance

C. Smart Pools

D. Set Protect Plus

Answer: C

29.What is the complete list of providers supported by a Dell EMC Isilon cluster?

A. LDAP, AD, NIS, and local and file providers

B. LDAP, NIS+, and file and local providers

C. AD, NIS+, local provider, and LDAP

D. AD, LDAP, and Microsoft Outlook provider

Answer: A

30.An administrator is attempting an object-level restore of data from a Protect Point backup. However, they are unable to see the desired objects through the Recovery server.

What is a possible cause for this problem?

A. FTS device did not mount the static image

B. Recovery server is not zoned to the Data Domain

C. Static image was not copied to the VMAX3

D. VMAX3 did not mount the vdisk

Answer: D

31.A company has two Isilon clusters located in San Francisco, California. One cluster is the source and the other is the target. For efficiency, the dataset is being replicated between the two clusters within the same data center. The target cluster will be moved to the New York area as part of a disaster recovery solution once the initial full copy is complete.

Once the cluster has been moved to New York, what will mitigate re-transmitting the entire dataset over the WAN to the target cluster in the new location?

A. Enable target compare initial sync and then re-run the policy

B. Run a sync policy with excluded directories defined

C. Run a copy policy with excluded directories defined

D. Enable the policy to run on all nodes in the cluster

Answer: A